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THE COMMONWEALTH OF MASSACHUSETTS

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ANNUAL REPORT

of the

TRUSTEES

of the

Mass.; WESTBOROUGH STATE HOSPITAL

for the

YEAR ENDING NOVEMBER 30, 1942

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DEPARTMENT OF MENTAL HEALTH

(Seal)

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and Finance

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## TRUSTEES

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## RESIDENT OFFICERS

WALTER E. LANG, M.D., Superintendent.  
WILLIAM L. HOLT, Jr., M. D., Assistant Superintendent (On Military Leave).  
HERMAN RICKLESS, M.D., Assistant Superintendent (Military Substitute).  
LYDIA B. PIERCE, M.D., Senior Physician (Pathology).  
LOUISE H. JACOB, M.D., Senior Physician.  
SAMUEL H. MARDER, M.D., Senior Physician (On Military Leave).  
E. PHILIP FREEDMAN, M.D., Senior Physician (On Military Leave).  
JAMES O. BOYD, M. D., Senior Physician (Military Substitute).  
ELOISE B. PETERSON, M.D., Senior Physician (Military Substitute).  
HARRY SHERSTER, M.D., Assistant Physician.  
VACANCY, Assistant Physician.  
VACANCY, Assistant Physician.  
VACANCY, Assistant Physician.  
PAUL L. BUDGE, D.M.D., Resident Dentist (On Military Leave).  
PATRICK J. BAGLEY, D.M.D., Resident Dentist (Military Substitute).  
ELISABETH C. DANIEL, R.N., Principal of School of Nursing.  
P. I. WILEY, Steward.  
CARRIE C. POOR, Treasurer.

## CONSULTING STAFF

M. GENE BLACK, M.D., Anesthetist.  
HENRY R. BLOOM, M.D., Ophthalmologist.  
WILLIAM B. DAVIDSON, M.D., Diseases of the Chest (On Military Leave).  
GEORGE ROGERS DUNLOP, M.D., Surgeon.  
HARRY F. FRIEDMAN, M.D., Roentgenologist.  
SOLOMON C. FULLER, M.D., Pathologist.  
MYRON J. HARE, M.D., Urologist.  
CLIFFORD D. HARVEY, M.D., Surgeon.  
LOUIS O. HOWARD, M.D., Orthopedist.  
LEIGHTON F. JOHNSON, M.D., Rhinologist, Laryngologist and Otologist.  
HOWARD MOORE, M.D., Orthopedist.  
RICHARD N. NORTON, D.D.S., Oral Surgeon.  
N. EMMONS PAINE, M.D., Psychiatrist.  
ROLAND O. PARRIS, M.D., Rhinologist and Laryngologist.  
ROGER W. ROBINSON, M.D., CARDiologist (On Military Leave).  
WILLIAM D. ROWLAND, M.D., Ophthalmologist.  
EDWIN W. SMITH, MD.D., Gynecologist.  
MOSES J. STONE, M.D., Diseases of the Chest.  
CHARLES SZIKLAS, M.D., Surgeon.  
SAMUEL N. VOSE, M.D., Urologist.  
CONRAD WESSELHOEFT, M.D., Internist.



## REPORT OF THE TRUSTEES

To His Excellency, the Governor, and the Honorable Council :

The Trustees of the Westborough State Hospital present this, their fifty-eighth annual report, for the 12 months ending November 30, 1942.

Regular monthly meetings were held at the hospital which were well attended and at these meetings the Superintendent presented his monthly report setting forth what had happened in the hospital during the previous month. These reports were freely discussed, acted upon and recommendations made when necessary. The qualifications of the Superintendent's appointees were carefully considered before action was taken. Either preceding or following the meeting, members of the Board visited various portions of the hospital and acquainted themselves with its numerous activities.

We regret again to be obliged to mention the overcrowded condition of the hospital as well as the serious deficiency of employees due to induction of large numbers of them into the armed forces and to others who left the service to take higher paying positions in industry. Notwithstanding these facts, however, it is pleasing to report that the Trustees have invariably found that conditions in the hospital were as satisfactory as it was possible to expect and that the patients were well and properly cared for.

The fire hazards, which have been mentioned annually by the Superintendent in his report, still exist to a large degree. Plans for providing new fire escapes for the Male Homes were made and presented for appropriation to the last Legislature but no funds were made available.

The Superintendent's report, which is appended, gives detailed information concerning the fiscal affairs of the hospital as well as statistical tables concerning its medical activities.



The Board suffered a great loss when Dr. N. Emmons Paine declined to accept reappointment at the expiration of his term in February. Dr. Paine served as Agent of the Board of Trustees prior to the opening of the hospital on December 1, 1886, was its first Superintendent for a number of years, was then a member of the Consulting Board of Physicians and Surgeons until his appointment as Trustee in 1915. He served for a period of 27 years on the Board of Trustees, during all of which time he was its honored chairman. Upon his retirement from the Board in February, he was appointed to the Consulting Board of which he is still a member, this making an uninterrupted period of over 58 years that he has been associated with the hospital.

Mr. Martin Swanson was appointed a member of the Board by Governor Saltonstall in February. Mrs. Kathrine L. Sullivan, who has been in ill health, resigned from the Board in November.

We wish to express our sincere appreciation of the efficient and painstaking efforts of our Superintendent, Dr. Lang, who has carried the bulk of responsibility through a most trying year and we thank his able assistants for the splendid cooperation which they have given him in his administration of the hospital.

Thomas F. Dolan, Chairman  
Rufus M. Shaw, Secretary  
Sewall C. Brackett

John A. Frye  
Sadie N. Casey  
Martin Swanson



## REPORT OF THE SUPERINTENDENT

To the Board of Trustees of the Westborough State Hospital:

I present the fifty-eighth annual report of the Superintendent of the Westborough State Hospital for the fiscal year ending November 30, 1942. The statistical tables which are attached have reference to the year ending September 30, 1942.

### MOVEMENT OF PATIENT POPULATION

At the end of the statistical year there were in the hospital 750 male and 939 female patients, a total of 1689, this being 29 more than at the same time last year. There were on visit and otherwise absent but still under commitment 277 patients, making a total of 1966 persons under the care of the hospital at the end of the statistical year. The daily average number of patients actually in the hospital was 1652.65, this being 19 less than during the previous year.

### ADMISSIONS

During the year there were 502 new admissions, of which 315 were first admissions, 170 readmissions and 17 transfers from other mental hospitals.

### DISCHARGES

The number of patients discharged from the hospital was 515. Of these 136 were considered recovered, 97 improved, 21 unimproved and 31 without psychosis. 74 were transferred to other mental hospitals and 156 died.

### MAINTENANCE

The total expenditure for maintenance was \$761,277.46. This was \$54,545.50 more than was expended for the same purpose the previous year. The weekly per capita cost was \$8.648. The income from all sources amounted to \$128,079.69 which equals a weekly per capita of \$1.455.



The only expenditures on account of special appropriations were as follows:

Heating System, Richmond Colony	\$ 33.70
X-ray Equipment	<u>5,497.42</u>
	\$ 5,531.12

#### REPAIRS AND RENEWALS

The following expenditures were made from that portion of the budget known as repairs and renewals:

Replace Saw Table	\$ 475.00
Stairway Retread Replacement	181.21
Replace Flush Valve	107.80
Vacuum Heating to Main Group	135.31
Renew Fire Hose	168.93
Machine & Tools	79.20
Defense Emergency	<u>1,400.08</u>
	\$2,548.64

#### MEDICAL SERVICES

The medical service of the hospital has followed the pattern of many years past. Electric shock treatment has produced favorable results in some cases and will continue to be used. The great shortage of physicians, nurses and attendants has curtailed our service to our patients in large measure, and the outlook for the future is not bright.

#### CONSULTING SERVICES

The members of the Consulting Staff have given very loyal service and have been of great assistance to us. I am profoundly grateful to them. The following is a summary of their work: 122 operations, 341 examinations and 597 interpretations of x-rays.

#### LABORATORY SERVICE

The following is a report of Dr. Lydia B. Pierce, Pathologist, concerning the activities of the Laboratory, X-ray and Physiotherapy Departments:

"Clinical pathology comprised the major portion of the work done in the laboratory and it was a busy year. Including the examination of urine, blood, spinal fluids and other clinical procedures there were 9,023 tests



made. There were a number of microscopic sections stained and mounted, and histological diagnoses of tissues made.

From the viewpoint of the pathologist, one of the most gratifying features of the work was furnished by the clinico-pathological conferences which were begun in November of 1941 with the cooperation of Dr. Holt, and were conducted with his assistance. These were held once every month through the winter and spring of 1942, and were discontinued when the summer vacations began, to be resumed again in September. An interesting and instructive case was selected by the pathologist, Dr. Holt appointed one member of the Staff, who presented the clinical history at the meeting, and another who led the discussion of diagnosis and treatment, to which all of the members contributed. Following this the pathologist made a report of the autopsy findings, and presented gross specimens and microscopic slides. It is believed that these conferences were as stimulating and interesting to members of the clinical staff as they were to the laboratory workers, and it is hoped that they can be continued.

All tissues submitted from the surgical operations performed were sectioned and mounted, and diagnoses were made.

After war was declared, and the possibility of civilian casualties seemed imminent, Dr. Lang suggested that employees who desired to have their blood typed for transfusion be taken care of in the laboratory. This work is still being carried on.

Blood counts were made, and the sedimentation rate of the blood was determined on all patients selected for electric shock therapy, for the purpose of disclosing if unsuspected organic diseases were present before the treatment was begun. This was suggested by Dr. Stone, with early active pulmonary tuberculosis as a special consideration.

Teaching of the first year students in the Training School for Nurses comprised 45 hours of chemistry, 12 hours of pathology, 4 hours of urinalysis and 2 hours of x-ray. These classes were conducted by the



pathologist. In addition each student was given 10 hours of practical work in the analysis of urines under the supervision of the laboratory technician.

There were 53 autopsies performed during the year.

The total number of clinical laboratory tests, also of autopsies and pathological studies follows: Animal autopsies, 2; animal inoculations, 2; basal metabolism test, 30; Blood chemistry: calcium, 1; cholesterol, 1; non-protein nitrogen, 88; sugar, 756; phosphorus, 2; albumin, 2; total protein, 2; urea, 1; bromine determination, 8; Blood counts: haemoglobin, 1012; red cell, 391, white cell, 1144; differential, 796; hematocrite, 193; lymph-mono ratio, 26; Schilling count, 14; sedimentation, 207; bleeding time, 2; clotting time, 2; prothrombin, 24; typing, 52; Cultures: bacterial, 30; blood, 25; throat, 20; faeces, 25; frozen sections 7; gastric analysis, 1; Minton tests, 9; icteric indices, 26; Smears: bacterial, 210; malarial, 3; Spinal fluid examinations: albumin, 44; globulin, 65; colloidal gold, 69; cystological count, 69; total protein, 70; sputa, 73; beticulocyte count, 1; Tests of bile, 35; fragillity test, 1; pregnancy test, 5; P.S.P. test, 6; liver function test, 3; Van den Bergh test, 6; tissue specimens cut, 113; tissue specimens stained, 126; tissues diagnosed, 51; urinalyses, 2775.

#### PHYSIOTHERAPY

The following report shows the amount of work done by the physiotherapist. There were 258 patients treated, and the number and type of treatments given follows: infra-red, 1275; massage, 513, ultra-violet, 265; Sine wave, 95; galvanic current, 21; total: 2,169.

#### X-RAY

There wer 941 roentgenograms taken during the yar, 766 for patients and 175 for employees. Of these 903 were for diagnosis and 38 were radiographs repeated to check healing of fractured bones, the successful reduction of dislocated joints, or the progress of disease.



In November a new Westinghouse shock proof x-ray unit was installed to replace the Campbell model which had been in use for a number of years.

Miss Jeanette Nickerson was appointed x-ray technician late in 1941 and has continued her work through the year. "

#### DENTAL SERVICE

The dental service has been greatly curtailed because of the departure of Dr. Paul L. Budge on May 9, 1942 for the Armed Service. A military substitute was available for some months.

#### EXTRAMURAL SERVICE

The outpatient department has continued during the past year, giving after-care to furloughed hospital patients, mental hygiene to referred cases in our communities, examination of juvenile court and retarded school children, and supervision and treatment of family care patients.

Changes due to war have affected the work somewhat. With the increased employment opportunities, it has been possible to place in working homes more convalescent patients, who, for some reason, are unable to return to relatives. These homes in nearby communities are selected and supervised by the department. The patients are reimbursed for their services, usually domestic, and report regularly to the hospital clinic. There were about 10 patients so placed at the end of the year. Because of transportation difficulties more patients have been excused from clinic attendance. Monthly reports by letter are required from these families. This has enabled the psychiatrist to give more of the clinic time and attention to those after-care patients who desire and need treatment. Because of our own enforced transportation economies and of the small number of patients now returning to Lowell since the hospital no longer admits Lowell residents, the clinic there has been curtailed. 7 clinics were held there during the year.

The mental hygiene clinic in Boston at the Massachusetts Memorial Hospitals has been busy. It was run in cooperation with Dr. Betsy Coffin



until mid-July, when she left and this department assumed the entire case load. There have been many requests for psychiatric treatment of young children, which it is impossible to give with the facilities we have.

Juvenile court referrals have been few but have been examined with care and thoroughness.

School clinics were conducted as usual in Southbridge, Westboro and Webster. A total of 77 school children were tested during the year.

Patients in family care homes have received the usual care, being visited at intervals and given annual physical examinations.

The work, in spite of being curtailed in some fields, has increased in others, so that, in the aggregate, there has been little change in the amount of work done.

Number of Clinics Held:

Newton	34
Boston	101
Lowell	7
Framingham	12
Hospital	12
Mass. Memorial Hospitals - O.P.D.	50
Total	216

Total number of Cases:

	Male	Female	Total
Boston	67	93	160
Of these, new cases	47	63	110
Newton	39	49	88
Of these, new cases	22	27	49
Lowell	2	11	13
Of these, new cases	0	9	9
Hospital	17	17	34
Of these, new cases	12	7	19
Framingham	13	18	31
Of these, new cases	8	10	18
<u>Total of Patient Interviews:</u>			
Boston	235	382	617
Newton	121	158	279
Lowell	6	44	50
Hospital	31	55	86
Framingham	50	61	111

Total

1,143



There have been no changes in personnel in this department during the year, although Mrs. Eda N. Anderson, Head Social Worker, was absent on sick leave and Miss Annie Heal, Psychiatric Social Worker, had a leave of absence for the purpose of study, both occurring simultaneously. This left Mrs. Faith Hawkins, Assistant Psychiatric Social Worker, in sole command of the department, a service she performed with commendable efficiency for several months.

Comparison of this year's achievement with that of the preceding year shows a falling off all along the line with the exception of history taking, which totals about the same number and is divided in about the same proportion between work done in the hospital and in the community. Though definite limits on travelling due to the war rationing on tires and gasoline were expected to lower the number of histories given in the hospital, this did not prove true. The number of referrals for investigation dropped sharply, but this was considered logical in that the hospital has had a small overburdened medical staff, another situation produced by the war effort.

The need for economy in our use of the state car, at the same time covering the ground called for in our work, has perhaps made for somewhat careful planning, and has not as seriously interfered with the work we outlined for ourselves as had been expected when war measures first imposed their restrictions. We have not travelled as much, though within a close radius of the hospital more has been accomplished than formerly. More patients have been placed in this town and nearby ones, which encourages the hope that the nearby communities are gaining added confidence in the hospital and are learning how their cooperation with it can grow to be mutually beneficial.

Limitation on travel has allowed for more service to the group of patients in Family Care. With but one exception our homes are located within five miles of the hospital. Occupational Therapy has contributed a



great deal during this past year, a worker from that department accompanying one of our workers on regular visitations to some one of the homes, arrangements having been made for a joint meeting of the patients from several homes. We found this plan very satisfactory from the point of view of increased friendliness and sociability between patients and caretakers in the different homes, along with the development of a sense of true hospital-ity and personal loyalty within the different homes. A picnic held in one of the homes to which all the women patients in family care were invited gave ample demonstration of the value of this attempt to promote a get-together spirit within this group.

# SOCIAL SERVICE STATISTICS YEAR ENDING NOVEMBER 30, 1942.

	Male	Female	Total
Cases remaining December 1, 1941	20	25	45
New cases referred during year	177	204	381
Cases renewed from previous years	37	67	104
Cases renewed within the year	13	18	31
Total number of patients dealt with during the year	247	314	561
Cases closed during the year	233	298	531
Cases remaining November 30, 1942	14	16	30

## Analysis of year's work:

### 1. Purposes for which cases were referred:

Histories	389
Investigation	57
Placement	46
Supervision	12
Miscellaneous services	20

### 2. Outstanding problems in cases referred:

Disease, mental	416
Disease, physical	17
Mental deficiency	1
Personality	29
Environmental	55
Miscellaneous problems	2

### 3. Services rendered:

A. Histories, total number taken	399
Taken in hospital	243
On patients regularly committed (including voluntary)	140
On patients under observation or temporary care	98
On delinquents, either juvenile or adult	5
Taken in the community	9
On patients under regular commitment	68
On patients under observation or temporary care	27
On delinquents, juvenile and adult	1
Taken in the hospital and the community	50
On patients under regular commitment	26
On patients under observation or temporary care	23
On delinquents, juvenile	1



B. Investigation, total number made		65
Of home conditions prior to visit	15	
Of home conditions during visit	25	
Miscellaneous investigations	25	
C. Placements		41
In home	8	
In employment home	18	
In Family Care	12	
From family care to visit status	1	
Of patient's child	1	
From one employment home to another	1	
D. Supervision in community or home		35
E. Relating patients to other agencies		9
F. Advice or assistance to family		5
G. Personal services to patients		12
H. Psychometric examinations		2

Patients interviewed in the hospital	211
Patients seen in their homes or elsewhere	233
Calls made on relatives or friends	343
Calls made on social agencies	315
Calls made on other sources of information	418
Calls made on patients in family care	304
School clinic histories secured	68
Boarding home investigations	21
Outpatient clinics attended	77

#### OCCUPATIONAL THERAPY DEPARTMENT

This department, under the leadership of Mrs. Gladys C. Taft, has been very active during the year and has been expanded in personnel by the addition of six Occupational Therapy Aides. The following is her report in part:

"Through the year occupational therapy classes were held morning and afternoon. The shortage of ward employees gave additional duties to this department, these including taking patients to the dentist, x-ray and operating room, helping with shock treatments and relieving the nurses on the ward at meal time.

The Nova Club was formed in April, which proved to be a successful achievement. This has enabled the patients to do the things they enjoy and in this way they lead a more normal life while hospitalized.

Recreational activities were many, and among the games enjoyed were badminton, horse shoes, volley ball, ping pong and croquet. There was much enthusiasm over the competition of the soft ball teams, tennis and bowling tournaments.



On June 15th a Flag Day pageant was presented with about three hundred people in attendance. Several picnics were held, including the May Day breakfast on Durfee Hill and corn roast by the lake at Warren. Quiz contests, old fashioned square dances and community sings added much amusements. Vegetables from the Nova Club Victory Garden were served on many of these occasions. An all patient orchestra was formed and played for the Patients' Ball at Christmas time, as well as for dances on St. Valentine's Day, St. Patrick 's Day and Halloween.

The outstanding event for 1942 was the Musical Review, given in the Auditorium on the afternoon and evening of November 4th. The show was coached by six Occupational Therapy Aides, twenty-eight patients taking part.

Many of the patients enjoyed the British Relief and Red Cross work and turned out very good looking knitting and sewing for these organizations.

An Occupational Therapy Aide, with the Social Worker, visited the family care patients once a week. At these times War Relief work was accomplished and many social activities were enjoyed."

#### INDUSTRIAL THERAPY

The industrial room, furniture shop, mattress and broom shops and shoe shop have been conducted as in former years and have been a valuable field for patient employment. The products have been very welcome for general use in the hospital.

#### TRAINING SCHOOL FOR NURSES

This school has continued under the direction of Mrs. Elisabeth C. Daniel, R. N. A full three year course of training is given, one year by affiliation with the Boston City Hospital, where the nurses receive special training in surgical, pediatric and obstetrical nursing.

On October 8th the class of 1943 was graduated in our Assembly Hall and diplomas were presented to Virginia Simpson Armitage, Jeanette Regina Bretagne, Helen Cecilia Cronin, Marjorie Adele Furbush, Ruth Irene Herbet,



Mary Margaret O'Malley and Phyllis Louise Simpson. The Alumnae Prize of ten dollars, which is awarded annually to the graduate who has held the highest rank in both theory and practice, was presented to Mary Margaret O'Malley.

#### ENGINEERING DEPARTMENT

Mr. Timothy F. Kiely has directed the activities of this department with the highest degree of efficiency. In addition to the usual routine maintenance, the following projects were completed: Installed new hot water storage tank at Richmond Colony; installed four new flush valves at Richmond Colony; installed nine new flush valves in Cottage A, Cottage B and Cottage C; installed new shower mixers at Durfee Colony, Female Wards 11, 4, 3, 2 and also at Farm Dormitory; extended fire mains to attics at Talbot and West Wing and connected base faucets to mains in Main Building attics; overhauled two C-inch valves on boilers at Power House, installed new stoker on boiler number 3 at Power House; renewed 200 feet of 2½ inch steam main to Durfee Colony; renewed bearings on two 48 inch extractors in Laundry; made new condensor for refrigerator at Durfee Colony; wired new line from Rear Center to X-ray Laboratory, including a 25 K.V.A. transformer; wired new saw at Carpenter Shop; installed 1 inch conduit from Superintendent's House to Osgood Cottage; installed clay conduit, 1½ inch steam line and ¾ inch hot water line from Superintendent's House to Osgood Cottage.

The fuel consumption was as follows:

Power House	3,221,7427	T.	a decrease of	113.8251	T
Richmond Colony	309.9793	"	" " "	37.0655	"
Warren Colony	265.5898	"	an increase of	201.2404	"
Piggery	29.6869	"	" " "	4.2946	"
Garage	<u>34.5577</u>	"	a decrease of	<u>8.3840</u>	"
Total	5,864.3744	T	an increase of	46.2604	T

This increase in coal consumption at Warren Colony was due to the fact that 44,369 gallons of fuel oil were used there in 1941.



The consumption of electric current is given below:

Generated	520,250 K.W.H.	a decrease of 133,640 K.W.H.
Purchased		
Kitchen	327,700	" " " 29,910 "
General	<u>120,000</u>	" an increase of <u>13,490</u> "
Total	<u>968,070</u>	" a decrease of 150,000

This figure is 14.2% less than 1941.

#### FARM

The following is a report of Mr. Raymond L. Whitney, our Head Farmer:

"Because of conditions it was deemed wise to try and raise somewhat more than usual. With this in mind more seed was sown and more plants transplanted. Early crops were plentiful. Considerable early cabbage was made into sauerkraut, and had the cannery been available sooner, that which was sold could have also been used there. Summer crops were good, due to the frequent rains and there was an abundance of them. Considerable surplus lettuce was sold. While the rain helped out the vegetables, it also helped the weeds to grow, and these weeds combined with lack of people to combat them, necessitated plowing in some of the later crops seeded. Winter turnips and carrots were excellent. The tomato crop was very good and a considerable quantity was canned. The season was particularly good for grass, there being plenty of moisture, weather not too hot, and few strong winds. All the sios are filled with grass silage, the barns are full of hay and there are stacks in the field. Hay fields were used as pasture for the young stock. This year haying began June first and ended October 13th, making a long tedious season. Some new seeding was done in the spring, but there was no fall seeding except rye as a cover crop where possible.

The apple crop was especially heavy, as it was generally in this locality. More apples were harvested here than at any previous time. There was some tree breakage due to the heavy load carried. Some young apple trees were set out where others had been taken out, and fair growth was shown for the season. Tree guards were put on but there was some damage by woodchucks



gnawing above the guards. The past few years there has been a considerable woodchuck population on this farm. During the last two years there has been considerable work done toward the eradication of this pest, and some decrease has been noted this fall. It is hoped the campaign can be continued. The strawberry crop was less than in some years, as fewer plants were set in 1941. There were also less plants set in 1942.

The farm has boarded young stock for other institutions as for the past two years. These have made good growth, and when returned at freshening time show fine condition. A new system of accounting has been put in effect for this enterprise, and the farm will be able to show some income from this work.

Pork production increased, there being more than for several years. The 1942 crop of pigs is doing well and some are ready for slaughter. This winter's breeders look very promising.

Very little land was cleared during the year. Field #62, East of the State Road, was finished, and has added a much more pleasant outlook to that locality.

The labor problem is present and steadily getting worse. It is difficult to anticipate what 1943 will be like and what may be accomplished on the farm. The animals must be fed and cared for, so the hay will have to be cut if possible. Some may have to be left uncut and vegetable crops curtailed. The weather may and probably will be a big factor in the 1943 program. Couple the weather with the labor problem and production for 1943 may be considerably smaller.

Production on the farm included: 133,353 lbs. apples; 3,475 lbs. strawberries; 1,504 lbs. asparagus; 11,391 lbs. string beans; 28,567 lbs. beets; 39,448 lbs. cabbage; 79,498 lbs. carrots; 3,815 lbs. cauliflower; 3,056 lbs. celery; 19,670 lbs. chard; 30,743 lbs. sweet corn, 13,917 lbs. cucumbers; 1,512 lbs. dandelions; 24,231 lbs. lettuce; 7,631 lbs. onions;



8,525 lbs. parsnip; 3,326 lbs. peppers; 2,305 lbs. radish; 6,034 lbs. rhubarb; 3,957 lbs. scallions; 7,235 lbs. spinach; 14,500 lbs. summer squash; 109,685 lbs. winter squash; 95,581 lbs. tomato, 98,425 lbs. turnip, 1,803 lbs. beef; 77,959 lbs. pork; 1,009,325 lbs. ensilage hay; 539,920 lbs. hay; 133,630 lbs. rowen; 5,735 lbs. rye straw.

#### GROUNDS

The frequent rains kept the lawns green throughout the year. Due to lack of binding material no roads were surfaced, in a permanent way, but considerable gravel was spread where roads were worn to keep them passable. There were no new roads or cement walks built. Considerable of the dump area was covered with cinders. 99.5 cords of wood were cut and burned at the Power House. Some of the cement curb made and set by the W.P.A. needs replacing. It is recommended that the replacement be of stone.

The greenhouse produced a large quantity of flowers and potted plants and the outside flower gardens were better than normal. All of the transplants used on the farm were grown at the greenhouse, and they were of far better quality than those offered for sale to institutions. "

#### ENTERTAINMENT

In spite of the shorthandedness the entertainment program has not been curtailed. As in previous years talking pictures have been shown during the afternoon and evening five times monthly from September to May. Special entertainments were provided for the Fourth of July and Labor Day. Dances were held, the music being furnished by the patients' orchestra. Softball, tennis, volley ball, baseball, horse shoes and croquet were available to considerable groups of our patients and during the summer numerous picnics were held. There was the usual Christmas season celebration and Veterans' Organizations visited the hospital at regular intervals, bringing splendid entertainment programs for the enjoyment of our former soldier patients who were able to attend them.



On May 27th Dr. William L. Holt Jr., Assistant Superintendent, left for service as Lieutenant in the Medical Corps of the Naval Reserve.

On June 16th Patrick J. Bagley, D.M.D., entered the service as Military Substitute.

On June 17th Dr. Herman Rickless was promoted to Assistant Superintendent as a Military Substitute for Dr. Holt.

On July 6th Dr. James C. Boyd was promoted to Senior Physician as Military Substitute.

On July 30th, Dr. E. Phillip Freedman left for army service as a Major in the Medical Corps.

On October 24th Dr. Armand J. Lincourt left for army service as a Lieutenant in the Medical Corps.

On October 25th Dr. Eloise B. Peterson was promoted to Senior Physician as Military Substitute for Dr. Freedman.

#### CONCLUSION

Many trying situations have developed during the past year and employees of all grades who have put their shoulder to the wheel and helped us through difficult spots have my sincere appreciation. I feel confident that this spirit of cooperation and helpfulness will continue during the coming year.

To all the members of the Board of Trustees I am grateful for the encouragement extended to me in carrying on my work during these difficult times.

Respectfully submitted

Walter E. Lang, M.D.,  
Superintendent.